NSF Nuclear Physics

- Program Highlights
- Budget Overview
- Initiatives
- Staffing
NP Program Highlights

• MSU/CCF: bringing up to full strength; 1700 hours of expt. run time over latest 4 quarters
• G0: commissioning late 2002
• STAR/EEMC: partial module installation
Major Research Instrumentation (MRI)

- Upgrade of BIGBITE spectrometer for use at JLAB (UVA)
- Instrumentation for nuclear astrophysics research
  - UNF → FSU
  - Purdue/Calument → FSU
- Total about $640,000
- NP generally does well in this NSF-wide initiative
- Expect similar solicitation Jan.-Feb. 2003
Information Technology Research (ITR)

- FY2002 Small Projects (< $500,000 total award)
- SUNY-SB (B. Jacak and R. Lacey): grid testbed for PHENIX data analysis using Globus toolkit
  - Small: December 12, 2002
  - Medium: February 12, 2003
  - Large: November 18, 2003 (preproposals)
# NSF/MPS FY2003 Budgets

<table>
<thead>
<tr>
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<th>FY2002 ($ millions)</th>
<th>FY2003 (Request)</th>
<th>FY2003 (Senate)</th>
<th>FY2003 (House)</th>
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<tbody>
<tr>
<td>NSF R&amp;RA</td>
<td>3,599</td>
<td>3,783</td>
<td>4,132 (+14.8%)</td>
<td>4,150 (+15.3%)</td>
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<tr>
<td>MPS</td>
<td>920</td>
<td>942</td>
<td>1,057 (+14.8%)</td>
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Physics Division target date for FY2003: Wednesday, September 25, 2002

November 1, 2002  NSAC Meeting
NP Staffing

• FY2002: Thanks!
  – Sherry Yennello
  – Sid Coon
• FY2003: Welcome!
  – Richard Boyd
  – Earle Lomon
• Process ongoing for future years
• Input welcome
Planned Education Charge

- Where are we?
  - NSF database
    - 95% response rate
    - Lifetime follow-up of 10% sample with 85% response

- Where should we be headed?
  - Broader needs (e.g. security, medical)
  - Large collaborations and projects

- How do we get there?

- Charge + Workshop